RESTRICTED CIRCULATION

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Agricultural Memorandum No 585b

Endemic Nephropathy - Bulgaria

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The partial correlations of deaths in year 4 on R and R_p given in Agricultural Memorandum 585a have been recalculated and should now read 0.85 and 0.89 respectively.

If the number of deaths in year 2 is introduced as a representation of an "illness" factor, in the estimation of the two year total of deaths we find:-

$$D = 0.34R_p + 0.29R + 0.61D_2 + 0.7$$

with a multiple correlation of 0.85 where:-

D, R_p and R are defined in Agricultural Memorandum 585a,

D_2 = Number of deaths in (calendar) year 2.

The partial correlations of D on R_p, R and D_2 are 0.61, 0.56 and 0.57 respectively.

Year of deaths	Deaths	R	R_p	D_2	Estimated deaths
1961 Oct - 1963 Sept	34	51	30	7	30
1962 - 1964	47	107	51	21	62
1963 - 1965	64	72	107	11	65
1964 - 1966	75	125	72	35	83
1965 - 1967	80	37	125	37	77
1966 - 1968	94	167	37	39	86
1967 - 1969	110	27	167	45	93
1968 - 1970	88	140	27	52	82
1969 - 1971	73	44	140	55	95

Any comments or suggestions on this paper should be referred to the authors.

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